

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035698.D
 Acq On : 16 May 2023 17:59
 Operator : JC/MD
 Sample : 02615-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 003-2

Quant Time: May 17 05:33:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

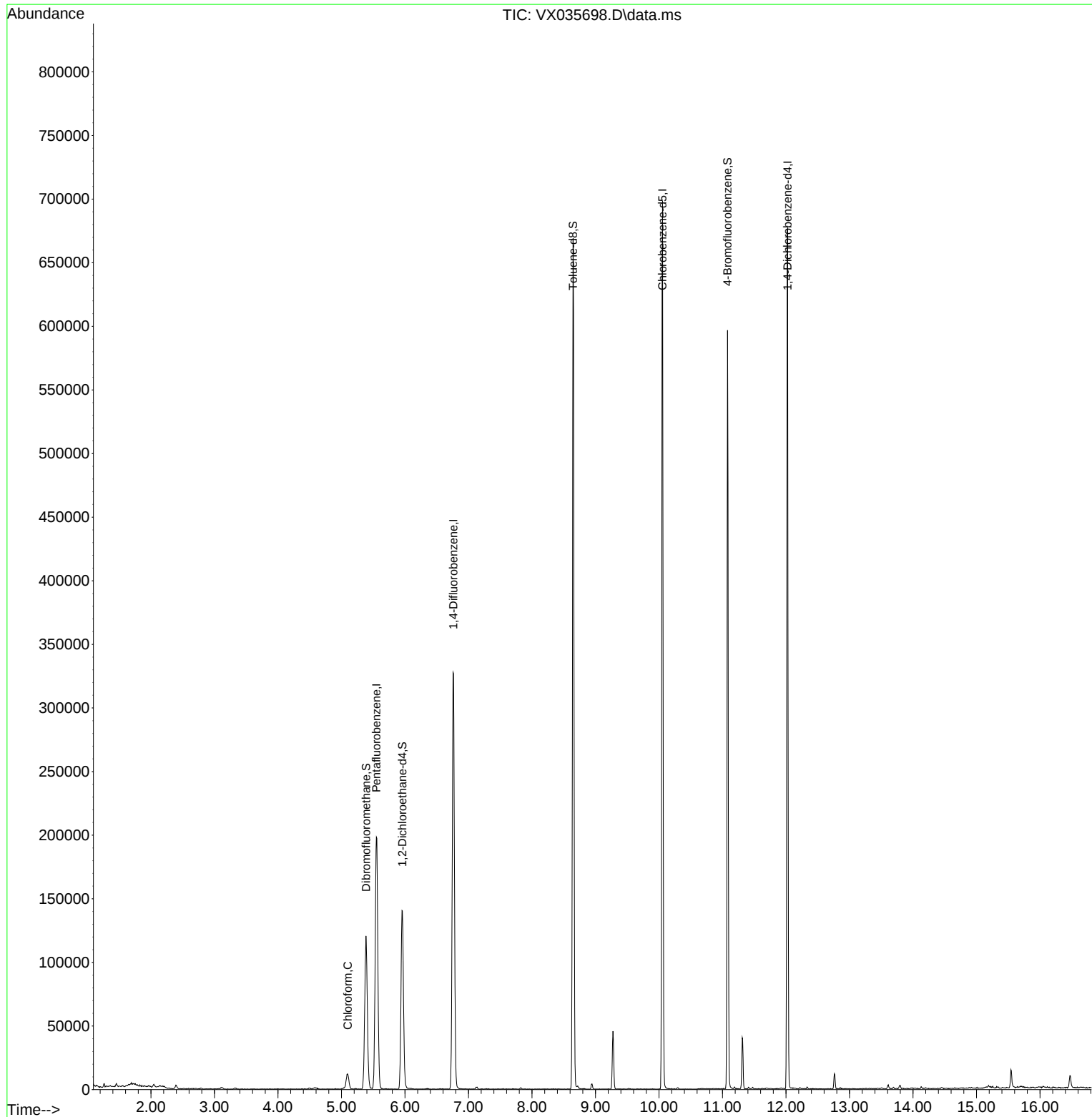
Internal Standards						
1) Pentafluorobenzene	5.550	168	171722	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	315409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145512	48.573	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.140%
35) Dibromofluoromethane	5.385	113	102060	47.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.960%
50) Toluene-d8	8.647	98	380043	48.363	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.720%
62) 4-Bromofluorobenzene	11.079	95	155776	49.234	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.460%
Target Compounds						
30) Chloroform	5.099	83	14076	3.202	ug/l	Qvalue 99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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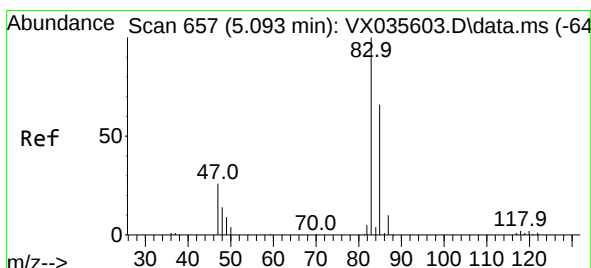
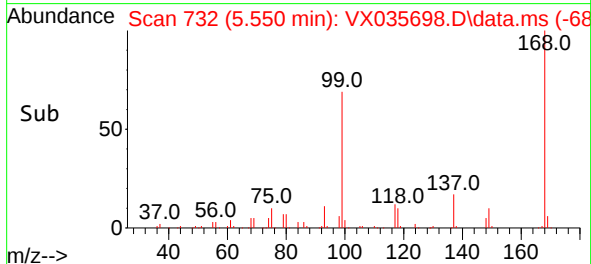
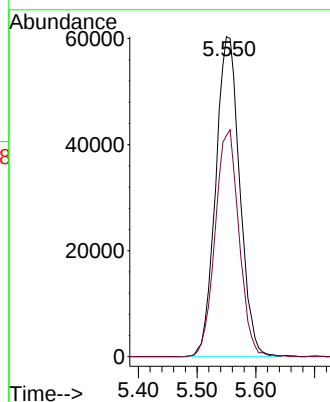
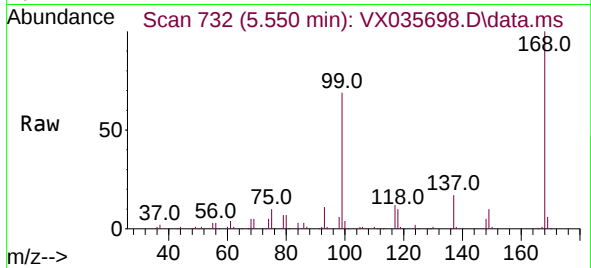




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035698.D
Acq: 16 May 2023 17:59

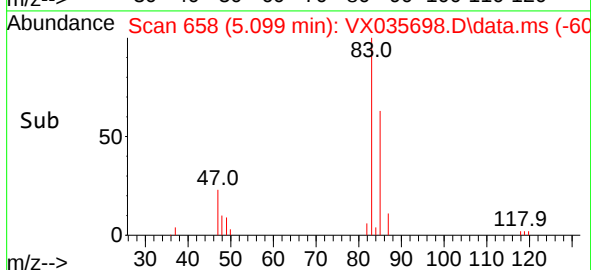
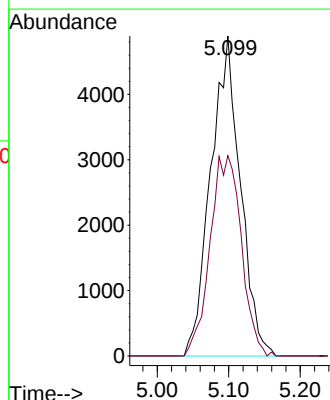
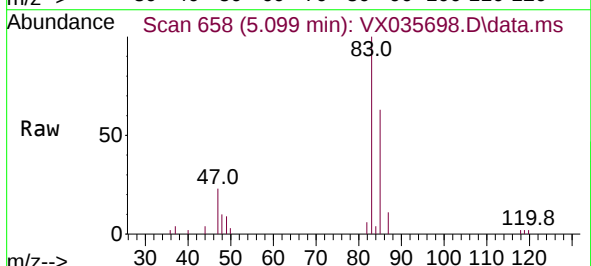
Instrument :
MSVOA_X
ClientSampleId :
003-2

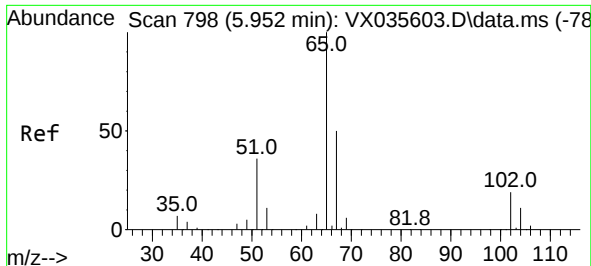
Tgt Ion:168 Resp: 171722
Ion Ratio Lower Upper
168 100
99 69.1 45.7 68.5#



#30
Chloroform
Concen: 3.202 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX035698.D
Acq: 16 May 2023 17:59

Tgt Ion: 83 Resp: 14076
Ion Ratio Lower Upper
83 100
85 62.6 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 48.573 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035698.D

Acq: 16 May 2023 17:59

Instrument :

MSVOA_X

ClientSampleId :

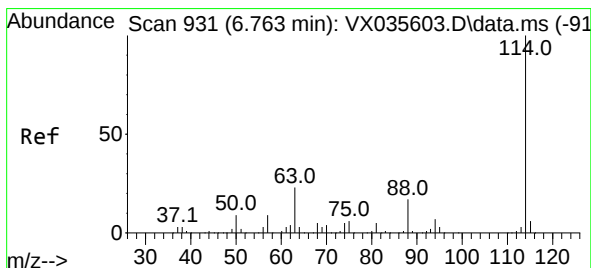
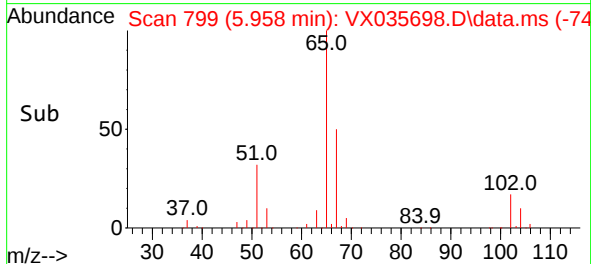
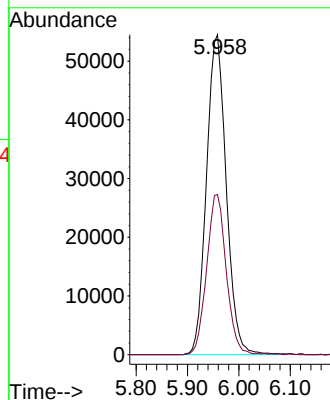
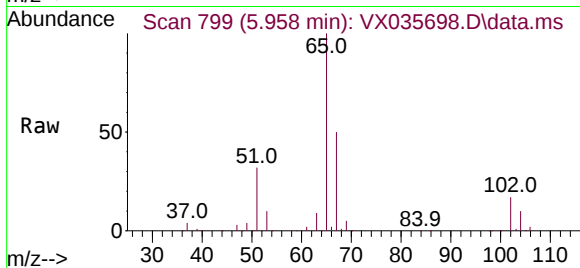
003-2

Tgt Ion: 65 Resp: 145512

Ion Ratio Lower Upper

65 100

67 49.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035698.D

Acq: 16 May 2023 17:59

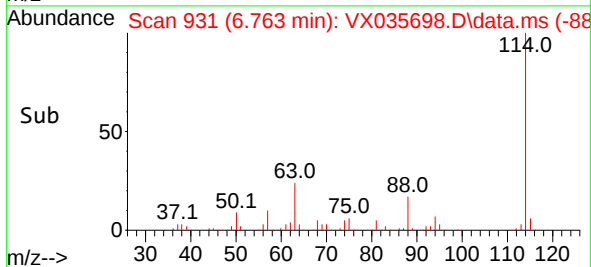
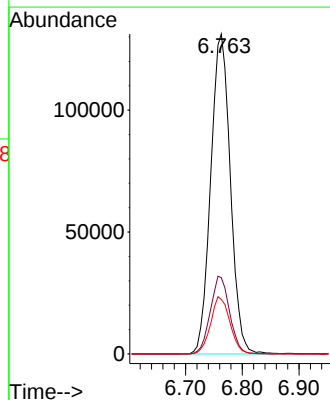
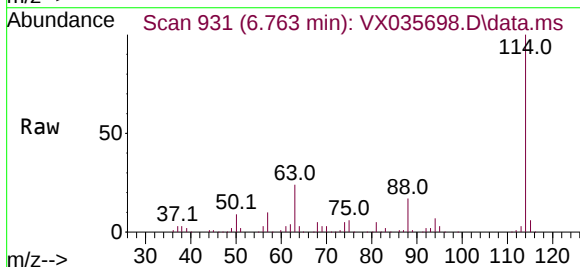
Tgt Ion: 114 Resp: 315409

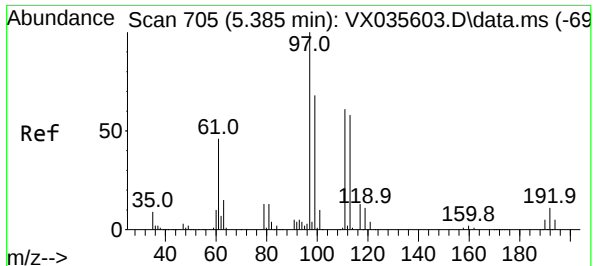
Ion Ratio Lower Upper

114 100

63 23.9 0.0 42.2

88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.981 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035698.D

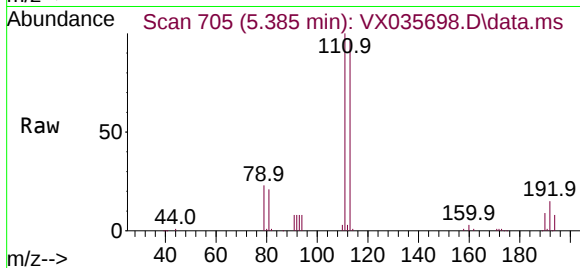
Acq: 16 May 2023 17:59

Instrument :

MSVOA_X

ClientSampleId :

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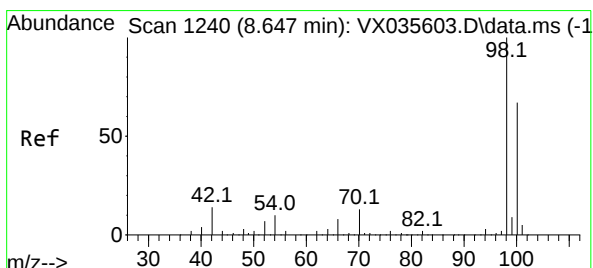
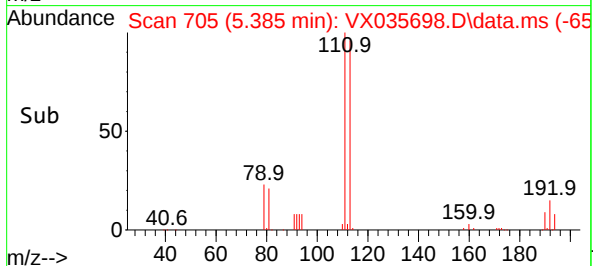
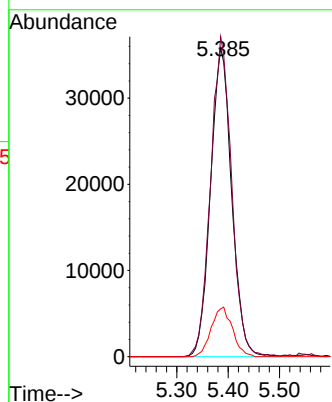
Tgt Ion:113 Resp: 102060

Ion Ratio Lower Upper

113 100

111 103.4 83.7 125.5

192 16.1 15.4 23.2



#50

Toluene-d8

Concen: 48.363 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035698.D

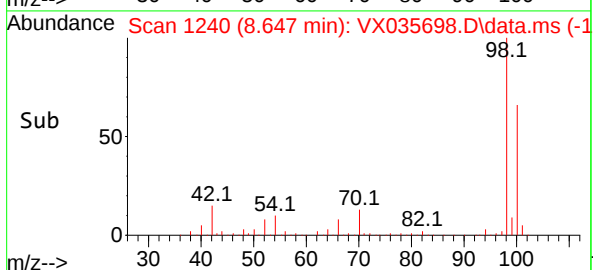
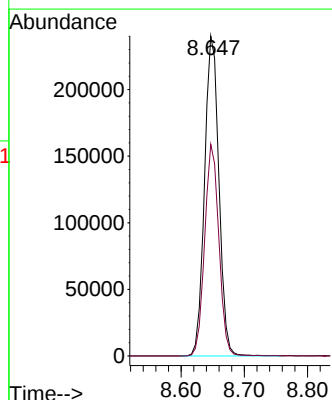
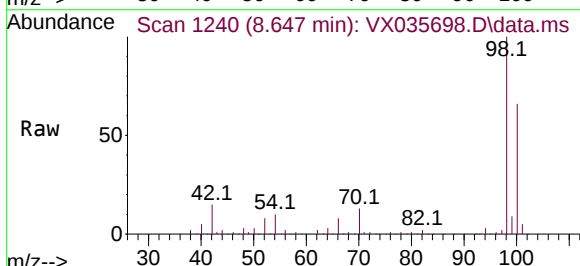
Acq: 16 May 2023 17:59

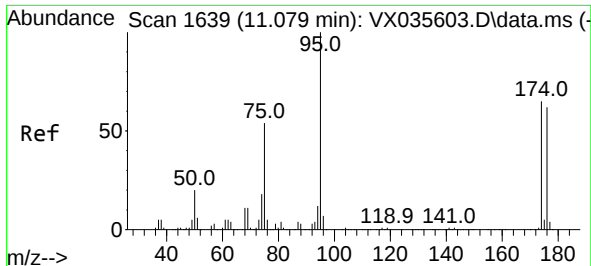
Tgt Ion: 98 Resp: 380043

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7

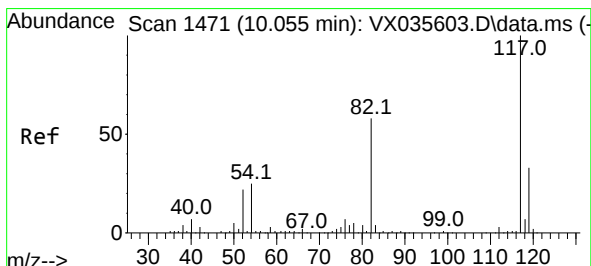
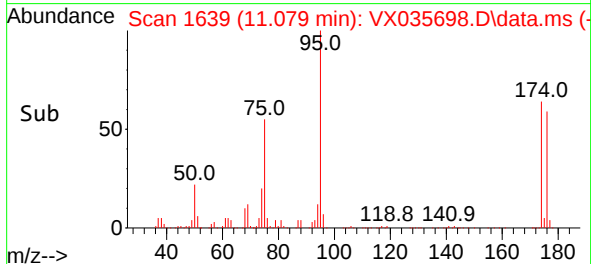
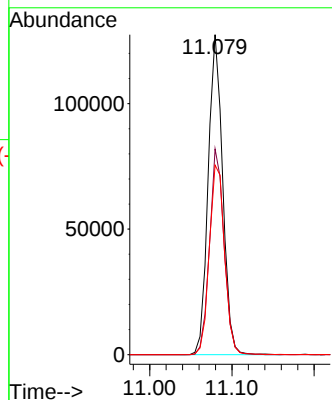
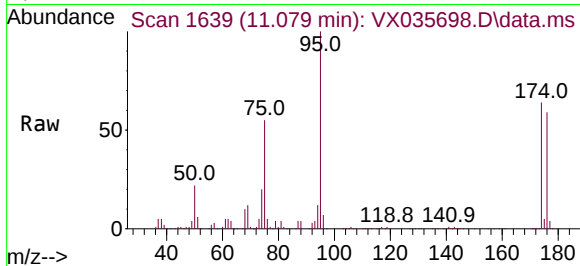




#62
4-Bromofluorobenzene
Concen: 49.234 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035698.D
Acq: 16 May 2023 17:59

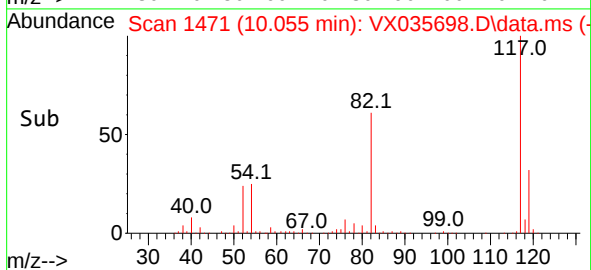
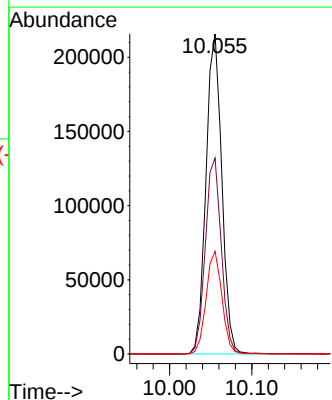
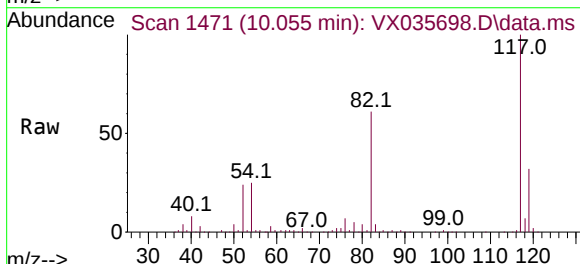
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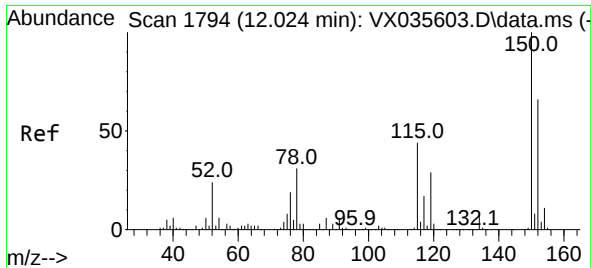
Tgt Ion: 95 Resp: 155776
Ion Ratio Lower Upper
95 100
174 64.3 0.0 147.4
176 62.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035698.D
Acq: 16 May 2023 17:59

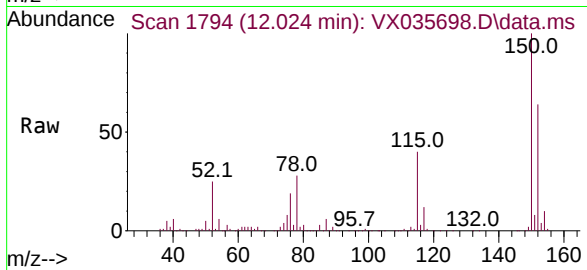
Tgt Ion: 117 Resp: 288497
Ion Ratio Lower Upper
117 100
82 61.2 45.0 67.4
119 32.1 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035698.D
 Acq: 16 May 2023 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 003-2



Tgt Ion:152 Resp: 129811
 Ion Ratio Lower Upper
 152 100
 115 65.6 45.0 135.0
 150 156.6 0.0 352.4

